



SHEET 1 OF 1

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Substitute for form 1449/PTO)

ATTY. DOCKET NO.
050023-0162SERIAL NO.
10/043,246APPLICANT
Kouichi TAKAMINEFILING DATE
January 14, 2002GROUP
3621**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US			
		US			
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		US			
		US			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code ³ -Number & -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes No
		JP 11-296437	10-29-1999	NIPPON TELEGR & TELEPH CORP <NTT>		JAPAN (w/ English abstract and partial English translation)
		JP 2000-347945	12-15-2000	SHARP CORP		JAPAN (w/ English abstract and partial English translation)

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Japanese Decision of Refusal, w/ English translation thereof, issued in Patent Application No. JP 2002-006149 dated on August 22, 2008

EXAMINER

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.